



ANALYTICAL

Delta 9 Analytical

Professional, Accurate, Responsive

Laboratory Location
 6308 Angus Drive, Ste B
 Raleigh NC 27617
 919-673-7153 / 919-450-1870
 frank@delta9analytical.com
 michael@delta9analytical.com

NC Controlled Substance License #:
 NC-DHHS-1004369

DEA Controlled Substance License #:
 RD0577986

Accreditation #120090

Proficiency Testing:
 ATSM & PHENOVA

Client Name: **Tranquil Products**
 Client Address:

Sample ID: **16814**
 Received Date: 08122024
 Reported Date: 08142024
 Test(s) Ordered: **Cannabinoids**

Sample Name: **Hero Rapid Dose Gummy**
 Sample Type: Edible
 Sample Matrix: **Gummy/Extract**
 Sample Size: 5.16g Test Size: 5.16g

CANNABINOID SUMMARY

TOTAL CANNABINOIDS: 0.5260%
 5.260 mg/g (27 mgs)
Δ8-THC: 2.471 mg/g (13 mgs)
TOTAL THC: 0.2729%
Δ9-THC: 2.729 mg/g (14 mgs)



CANNABINOIDS (Liquid Chromatography Mass Spectrometry - LCMS)

MOISTURE (loss on drying): **NT**

ANALYTE	MASS (%)	MASS (mg/g)	LOQ (%)
Cannabinol (CBN)	ND	ND	0.004
Δ8-THC	0.2471	2.471	0.004
Cannabichromene (CBC)	ND	ND	0.004
Cannabigerol (CBG)	ND	ND	0.004
Cannabidiol (CBD)	ND	ND	0.004
Cannabigerolic Acid (CBGA)	ND	ND	0.004
Cannabidivarin (CBDV)	ND	ND	0.004
Cannabidivarin Acid (CBDVA)	ND	ND	0.004
Cannabicitran (CBT)	ND	ND	0.004
6aR,9S-Δ10-THC	ND	ND	0.004
6aR,9R-Δ10-THC	ND	ND	0.004
THC-O-Acetate (THCO)	ND	ND	0.004
THCp	0.0060	0.0599	0.004

ANALYTE	MASS (%)	MASS (mg/g)	LOQ (%)
9S-Hexahydrocannabinol (HHCS)	ND	ND	0.004
9R-Hexahydrocannabinol (HHCR)	ND	ND	0.004
Cannabidolic Acid (CBDA)	ND	ND	0.004
Δ9-THC Acid (THCA)	ND	ND	0.004
THC-varian (THCV)	ND	ND	0.004
***Δ9-THC	0.2729	2.729	0.004
**TOTAL CANNABINOIDS	0.5260	5.260	
*TOTAL THC	0.2729	2.729	
*TOTAL CBD	ND	ND	
*TOTAL CBG	ND	ND	
*TOTAL CBDV	ND	ND	
TOTAL Δ10-THC	ND	ND	
TOTAL HHC	ND	ND	

Calculated as follows: Total CBD/G/V = CBDA/GA/VA% (0.877) + CBD/G/V%. Total THC = THCA%(0.877) + Δ9-THC%. **Total Cannabinoids is the absolute sum of all cannabinoids detected. **ND = Not Detected; NT = Not Tested**

RESULT CERTIFICATION 08142024

Frank P. Maurio/Michael R. Horton/Brittany A. Meggs

Frank P. Maurio COO/Michael R. Horton CSO/Brittany A. Meggs LM & Date

Scan QR Code to verify COA at www.delta9analytical.com

Testing results are based solely upon the sample submitted to Delta 9 Analytical, LLC. (D9A) In the condition it was received. D9A warrants that all analytical work is conducted professionally in accordance with all applicable standard practices using validated methods utilizing certified reference standards. ***The measurement of uncertainty = 0.04985%. This report may not be reproduced, except in full, without the written approval of D9A. Test(s) Ordered: C=Cannabinoids.